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SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: Beachy, Philip A.,
Tsai, Sophia Y.,
Tsai, Ming-Jer,
Krishnan, Venkatesh,
Chen, Chien-Huan
- (ii) TITLE OF INVENTION: MODULATION OF HEDGEHOG-MEDIATED SIGNALING PATHWAY
- (iii) NUMBER OF SEQUENCES: 8
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Gray Cary Ware & Freidenrich LLP
 - (B) STREET: 4365 Executive Drive, Suite 1600
 - (C) CITY: San Diego
 - (D) STATE: CA
 - (E) COUNTRY: U.S.A.
 - (F) ZIP: 92121
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: Windows95
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER:
 - (B) FILING DATE: Herewith
 - (C) CLASSIFICATION: Application
- (vii) PRIORITY APPLICATION DATA:
 - (A) APPLICATION NUMBER: 09/023,249
 - (B) FILING DATE: 2/13/98
 - (C) CLASSIFICATION: Application
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Haile, Lisa A.
 - (B) REGISTRATION NUMBER: 38,347
 - (C) REFERENCE/DOCKET NUMBER: JHU1510-1
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: 858/677-1456
 - (B) TELEFAX: 858/677-1465

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18 BASE PAIRS
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: both
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: genomic DNA
- (ix) FEATURE:
 - (A) NAME/KEY:

(B) LOCATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

GTTCTACATA ATGCGCCG

18

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18 BASE PAIRS
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: genomic DNA

(ix) FEATURE:

- (A) NAME/KEY:
- (B) LOCATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

CGGCGCATTA TG TAGAAC

18

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18 BASE PAIRS
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

GTTCTACGTG ATGCGCCG

18

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 22 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

TCCCGAAGAC CACCCACAAT GA

22

(2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 22 BASE PAIRS

- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

TCAAACCTAC TTTGGGGTCT TA

22

(2) INFORMATION FOR SEQ ID NO:6:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 24 BASE PAIRS
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: both
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

ATCGCCGGGG ATGAGCTGGC GGCT

24

(2) INFORMATION FOR SEQ ID NO:7:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 27 BASE PAIRS
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: both
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

GATATGGCAA TGGTAGTCAG CACGTGG

27

(2) INFORMATION FOR SEQ ID NO:8:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 21 BASE PAIRS
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: both
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

AGCTTCTCCA CTTGCTCTTG G

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